

AMENDMENTS TO THE CLAIMS

Please cancel Claims 1-6 and 12-42; amend Claims 7-10; and add new Claims 43-46 as follows.

LISTING OF CLAIMS

1.-6. (cancelled)

7. (currently amended) A double pipe structure in which an inner pipe for circulating fluid of high pressure is ~~[[laid]]~~ disposed in an outer pipe for circulating fluid of low pressure and the inner and the outer pipe are formed differently from each other and are joined to a joint member at ~~[[the]]~~ respective end portions, wherein two or more of the end portions of the inner and the outer pipe are joined to and the joint member ~~[[by a]]~~ define plastically deforming means for joining the joint member to the inner and outer pipes.

8. (currently amended) A double pipe structure according to claim 7, wherein the joint member includes a port connected to another pipe, the plastically deforming means joins the inner pipe to the joint member by ~~means of drawing for expanding an end portion or by means of bead pressure contact machining of the inner pipe,~~ and the outer pipe is joined to the joint member ~~when the outer pipe is pressure-connected to the joint member by means of drawing for contracting an end portion of the~~ outer pipe.

9. (currently amended; withdrawn) A double pipe structure according to claim 7, wherein the joint member includes a port connected to another pipe, the plastically deforming means joins the inner pipe to the joint member by ~~means of drawing for expanding an end portion or by means of bead pressure contact machining of the inner pipe~~, and the joint member is joined to the outer pipe ~~when the joint member is pressure connected to the outer pipe by means of drawing for contracting an end portion of the~~ [[pipe]] joint member.

10. (currently amended) A double pipe structure according to claim 7, wherein a seal member is interposed in [[the]] a joint portion of the joint member and the inner pipe or in [[the]] a joint portion of the joint member and the outer pipe.

11. (original) A double pipe structure according to claim 7, wherein rigidity of the inner pipe is lower than rigidity of the outer pipe.

12.-42. (cancelled)

43. (new) A double pipe structure in which an inner pipe for circulating fluid of high pressure is disposed in an outer pipe for circulating fluid of low pressure and the inner and the outer pipe are formed differently from each other and are joined to the joint member at respective end portions, wherein

the inner and the outer pipe are joined to the joint member by plastically deforming means,

the joint member includes a cylindrical male portion or a cylindrical female portion formed at an end of the joint member and connected to the outer pipe, an insertion hole, into which the inner pipe is inserted, is formed step-like toward the other end of the joint member inside the joint member, and a port for refrigerant of low pressure and a port for refrigerant of high pressure are connected to another pipe,

the inner pipe is arranged so as to protrude from an end portion of the outer pipe, inserted into the insertion hole through the cylindrical male portion or the cylindrical female portion, and joined to the step-like insertion hole at the other end of the joint member by means of drawing for expanding an end portion or by means of bead pressure-contact machining, and

the outer pipe is joined to the cylindrical male portion formed at the end of the joint member by means of drawing for contracting an end of the pipe or the cylindrical female portion is joined to the outer pipe by means of drawing for contracting an end of the cylindrical female portion.

44. (new) A double pipe structure according to claim 43, wherein a seal member is interposed in a joint portion of the joint member and the inner pipe or in a joint portion of the joint member and the outer pipe.

45. (new) A double pipe structure according to claim 43, wherein rigidity of the inner pipe is lower than rigidity of the outer pipe.

46. (new) A double pipe structure in which an inner pipe for circulating fluid of high pressure is disposed in an outer pipe for circulating fluid of low pressure and the inner and the outer pipe are formed differently from each other and are joined to a joint member at respective end portions, wherein

a bent portion is formed in a portion of the double pipe, and a support member for preventing interference of the inner pipe with the outer pipe is arranged only inside the bent portion so as to be allowed to be inserted into the inner and the outer pipe.